

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): ~~An ionic current detection~~ electronic apparatus for an internal combustion engine comprising:

a plurality of ignition coils, each having a secondary side;

an ionic current detection circuit capable of detecting an ionic current generated in spark plugs connected with secondary sides of a said plurality of ignition coils, respectively, each of which generates a high ignition voltage immediately after firing of an air fuel mixture in a corresponding combustion chamber of the internal combustion engine,

wherein said plurality of ignition coils are arranged in such a manner that at least the directions of adjacent ignition coils do not coincide with one another.

2. (currently amended): The ~~ionic current detection~~ electronic apparatus for an internal combustion engine as set forth in claim 1, wherein said plurality of ignition coils are arranged in such a manner that the directions of the central axes of ignition coils among adjacent ignition coils do not coincide with one another.

3. (currently amended): The ~~ionic current detection~~ electronic apparatus for an internal combustion engine as set forth in claim 1, wherein said plurality of ignition coils are fixed by a fixture, which has arrangement positions for said ignition coils predetermined according to the mounting directions thereof, in such a manner that the directions of ignition coils among adjacent ignition coils do not coincide with one another, said ignition coils being installed on the engine through said fixture.

4. (new): A combination for an internal combustion engine, comprising:
a plurality of ignition coils, each having a direction defined at least by a central axis; and

a fixture, which has arrangement positions for said ignition coils predetermined according to the mounting directions thereof, in such a manner that the directions of ignition coils among adjacent ignition coils do not coincide with one another, said ignition coils being installed on the engine through said fixture.

5. (new): A fixture for holding a plurality of ignition coils, each having a direction defined at least by a central axis, onto an internal combustion engine, comprising:

a frame, and a plurality of coil holding positions, the arrangement positions for said ignition coils being predetermined according to the mounting directions thereof, in such a manner that the directions of ignition coils among adjacent ignition coils do not coincide with one another.